

ILC Industrial Forum

September 21 & 22, 2005

Civil Construction Working Group

Summary

B.F. Shelton, Parsons

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- Attendees numbered approximately twelve and represented a good cross section of both large and small AE firms.
- Vic Kuchler, Fermilab presented a summary of the attributes of the five sites being considered in the vicinity of Fermilab
 - Topography, geological and population density issues were discussed
- Decisions involving all ILC groups which are necessary for the establishment of a reference design were discussed
 - It was suggested that in order to effect these decisions that the number of variables that the group was considering had to be reduced, as it seemed there were too many under consideration to allow the process to proceed

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- It was also suggested that one approach for reducing these variables was to create a composite site using attributes from each of the five sites under consideration. This would allow the decision making process to go forward without initiating an actual site selection and also preclude any public relations issues associated with a site selection now
- Fred Asiri, SLAC presented alternative approaches for the construction of the below grade portions of the ILC
 - Near surface
 - Underground
 - Single and two tunnel
- The use of industry for sanity checks of the reference designs and estimates was discussed
 - The consensus was that the AE industry would be willing to participate provided that there was some assurance that the participating organizations would not be conflicted out of the future ILC work.